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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 501.37854X00

First Inventor or Application Identifier Toshihiko NAKATA

Title See 1 in Addendum

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 26]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 14]
4. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \* Small Entity Statement(s) ☐ Statement filed in prior application  
(PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other: .....

\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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or ☐ Correspondence address below

Name			
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Name (Print/Type)	Registration No. (Attorney/Agent)	22,466
Signature	Date	11/10/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL**  
**for FY 1999**Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12TOTAL AMOUNT OF PAYMENT (\$)**838.00****Complete if Known**

Application Number	
Filing Date	November 10, 1999
First Named Inventor	Toshihiko NAKATA
Examiner Name	
Group / Art Unit	
Attorney Docket No.	501.37854X00

JP542 U.S. PTO  
09/437269

11/10/99

**METHOD OF PAYMENT (check one)**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **01-2135**  
Deposit Account Name **Antonelli, Terry, Stout & Kraus, LLP**☒ Charge An / Additional Fee Required Under 37 CFR 1.16 and 1.17

- 2.
- ☒
- Payment Enclosed:
- 
- ☒
- Check
- ☐
- Money Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code (\$)	Entity Fee Code (\$)	Small Fee Code (\$)	Fee Description	Fee Paid
101	760	201 380	Utility filing fee	760.00
106	310	206 155	Design filing fee	
107	480	207 240	Plant filing fee	
108	760	208 380	Reissue filing fee	
114	150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)**760.00****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
19	-20** = 0	X 18.00	= 0.00
4	-3** = 1	X 78.00	= 78.00
Multiple Dependent			= 0.00

\*\*or number previously paid, if greater. For Reissues, see below

Large Fee Code (\$)	Entity Fee Code (\$)	Small Fee Code (\$)	Fee Description
103	18	203 9	Claims in excess of 20
102	78	202 39	Independent claims in excess of 3
104	260	204 130	Multiple dependent claim, if not paid
109	78	209 39	** Reissue independent claims over original patent
110	18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**78.00****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code (\$)	Entity Fee Code (\$)	Small Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge - late filing fee or oath	0.00
127	50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00
139	130	139 130	Non-English specification	0.00
147	2,520	147 2,520	For filing a request for reexamination	0.00
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115	110	215 55	Extension for reply within first month	0.00
116	380	216 190	Extension for reply within second month	0.00
117	870	217 435	Extension for reply within third month	0.00
118	1,360	218 680	Extension for reply within fourth month	0.00
128	1,850	228 925	Extension for reply within fifth month	0.00
119	300	219 150	Notice of Appeal	0.00
120	300	220 150	Filing a brief in support of an appeal	0.00
121	260	221 130	Request for oral hearing	0.00
138	1,510	138 1,510	Petition to institute a public use proceeding	0.00
140	110	240 55	Petition to revive - unavoidable	0.00
141	1,210	241 605	Petition to revive - unintentional	0.00
142	1,210	242 605	Utility issue fee (or reissue)	0.00
143	430	243 215	Design issue fee	0.00
144	580	244 290	Plant issue fee	0.00
122	130	122 130	Petitions to the Commissioner	0.00
123	50	123 50	Petitions related to provisional applications	0.00
126	240	126 240	Submission of Information Disclosure Stmt	0.00
581	40	581 40	Recording each patent assignment per property (times number of properties)	0.00
146	760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	0.00
149	760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	0.00
Other fee (specify) _____				0.00
Other fee (specify) _____				0.00

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0.00****SUBMITTED BY**Typed or Printed Name **Melvin Kraus**Signature *Melvin Kraus*

Date

**11/10/99****Complete (if applicable)**

Reg. Number

**22,466**

Deposit Account User ID

**01-2135**

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